

REMARKS

Upon entry of the foregoing Request, Claims 1-18 are pending in the application.

In the Office Action dated July 9, 2010, the Examiner sets forth a number of grounds for rejection. These grounds are addressed individually and in detail below.

Claim Rejections Under 35 U.S.C. § 103

Claims 1-18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Foster (U.S. Patent No. RE39,059) in view of Finn (U.S. Patent Publication No.: 2006/0206582) for the reasons set forth on pages 2-7 of the Office Action. Applicants respectfully traverse the rejection for the reasons stated below.

To establish a *prima facie* case of obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). “All words in a claim must be considered in judging the patentability of that claim against the prior art.” *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970).

Independent Claim 1 is directed to a remote controller for controlling digital household appliance including at least one device, the remote controller comprising: a radio unit configured to operate in at least two wireless communication modes; a control unit configured to select one of the at least two wireless communication modes; and a memory unit, wherein the control unit selects one wireless communication mode from the at least two wireless communication modes according to control commands inputted by a use, and the radio unit transmits the control commands to the device for controlling operations of the device and transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode.

Independent Claim 7 is directed to a wireless control system for digital household appliance including at least one device, wherein the device is provided with a receiver comprising a memory unit, the system comprising: a remote controller comprising a memory unit, and configured to operate in at least two wireless communication modes, wherein the remote controller selects one wireless communication mode according to control commands to transmit the control commands and multimedia data stored in the memory unit of the remote controller to the receiver in the selected wireless communication mode, and wherein the receiver is configured to receive the control commands and the multimedia data transmitted by the remote controller and store the multimedia data transmitted by the remote controller into the memory unit of the receiver.

Independent Claim 18 is directed to a remote controller for controlling digital household appliance including at least one device, the remote controller comprising: a radio unit configured to operate in at least two wireless communication modes, wherein the radio unit comprises a low power dissipation radio unit and a high speed transmission unit, and wherein the low dissipation radio unit is configured to a wireless communication protocol including but not limited to Bluetooth protocol, Zigbee protocol and IrDA infrared protocol; a control unit configured to select one of the at least two wireless communication modes; and a memory unit, wherein the control unit selects one wireless communication mode from the at least two wireless communication modes according to control commands inputted by a user, and the radio unit transmits the control commands to the device for controlling operations of the device and transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode.

Applicants respectfully submit that Claims 1-18 are allowable over the cited references, because the combination of Foster and Finn fail to disclose or make obvious “a remote controller for controlling digital household appliance wherein the radio unit transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode” as recited in the above independent claims.

Specifically, Foster merely discloses a remote control unit device which may be utilized for selecting functions in a plurality of multimedia processing units through a learning phase, a development phase, a transfer phase and a use phase. The Examiner alleges that Foster discloses “the radio unit...transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode” (Col. 7, Lines 44-49; Col. 7, Lines 64-67; Col. 11, Lines 61-64). Applicants respectfully disagree. Applicants respectfully submit that the recitation in Col. 7, Lines 44-49 and Col. 7, Lines 64-67 and the recitation in Col. 11, Lines 61-64 are related to a **learning phase** and a **transfer phase**, respectively, rather than a remote control unit **controlling a digital household appliance** as presently claimed.

As disclosed by Foster, the learning phase begins after the remote control unit 200 is inserted into the docking station 130 which is connected to the computer 100 via a serial communications cable or a USB cable (Col. 7, Lines 13-17). Remote control development software is installed on the hard drive 180 of the computer 100 (Col. 7, Line 17-22), stores screen objects in a database (Col. 7, Lines 50-51) and provides the user with the ability to create, edit, delete and download to the programmable remote control unit 200 one or more screen objects (Col. 7, Lines 32-35). In the transfer phase, the user downloads the screen objects from the computer 100 (through the remote control development software) to the remote control unit 200 which is also inserted into the docking station 130 (Col. 11, Lines 52-57). Accordingly, the

remote control unit 200 will be loaded with screen objects after the learning and transfer phases, and will be ready for use to control the multimedia processing unit 300 (Col. 12, Lines 8-11). In other words, the learning and transfer phases are applied so that the remote control unit 200 can be used to control the specific multimedia processing unit 300.

Applicants respectfully submit that Foster fails to disclose or teach that the remote control unit can transmit multimedia data to the controlled device during the use phase as claimed. According to the Foster reference, after completing the learning, development and transfer phase, the remote control unit can only generate the commands for controlling the multimedia processing unit 300 in the use phase. Finn does not cure the deficiencies of Foster. Finn generally describes a portable music device for copying song tags while monitoring a broadcast. Finn is cited for generally teaching that communication protocol and RF are used for communication interfaces and protocols are known.

Furthermore, Applicants respectfully submit that Finn does not disclose or teach “the radio unit...transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode” as recited in the Claim 1.

As the M.P.E.P. § 2143.03 directs, all claim limitations must be considered in view of the cited prior art in order to establish a *prima facie* case of obviousness.

In view of the forgoing, Accordingly, independent Claims 1, 7 and 18 are patentable over the cited references. Claims 2-6, 8-10 and 11-17 are patentable because they depend from Claims 1 and 7 and recite additional patentable subject matter.

Therefore, these grounds of rejections have been obviated, and withdrawal of the rejections under 35 U.S.C. § 103(a) is respectfully requested.

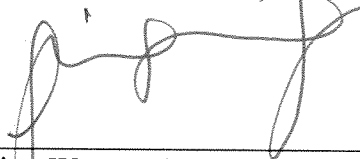
CONCLUSION

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of the application, the Examiner is invited to contact Applicants' counsel, Ping Wang (Reg. No. 48,328), at 202.662.3042.

Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'Ping Wang', is written over a horizontal line.

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